2014 Consumer Confidence Report

Water System Name: SNUG HARBOR RESORT Report Date: June 2015

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alquien que lo entienda bien.

Type of water source(s) in use:

Your water comes from 0 source(s):

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc..

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system mush follow.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (µg/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water: (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants,* such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants,* such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides,* that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, that are by-products if industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants,* that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5 and 6 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Table 1 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (ppm)	(2013)	176	163 - 188	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2013)	186	43.0 - 329	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 2 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Arsenic (ppb)	(2014)	14	10 - 19	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (ppm)	(2013)	0.22	ND - 0.43	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (ppm)	(2013)	ND	ND - 0.1	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Gross Alpha (pCi/L)	(2011)	ND	ND - 2.20	15	(0)	Erosion of natural deposits.

Table 3 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (ppm)	(2013)	136	77 - 195	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2013)	5	ND - 10	15	n/a	Naturally-occurring organic materials
Iron (ppb)	(2013)	200	ND - 400	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ppb)	(2013)	230	60 - 400	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2013)	2	1 - 2	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2013)	1056	731 - 1380	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2013)	15	3 - 27	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2013)	615	460 - 770	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2013)	0.6	ND - 1.2	5	n/a	Soil runoff

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 4 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Boron (ppm)	(2013)	0.9	0.7 - 1.1	1	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.

Table 5 - DETECTION OF FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL (MRDL)**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Total Trihalomethanes (TTHMs) (ppb)	(2011)	12.5	N/A	80	n/a	By-product of drinking water disinfection
Haloacetic Acids (five) (ppb)	(2011)	3	N/A	60	n/a	By-product of drinking water disinfection

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/ Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. *Snug Harbor Resort* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to

2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

About our Arsenic: Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

About our Iron: Iron was found at levels that exceed the secondary MCL. The Iron MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

About our Manganese: Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

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Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL DW-1R and the WELL 02 of the SNUG HARBOR RESORT water system in August, 2002.

Well 02 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Known Contaminant Plumes (removed, see Discussion of Vulnerability)

WELL DW-1R - is considered most vulnerable to the following activities not associated with any detected contaminants:
Known Contaminant Plumes (removed, see Discussion of Vulnerability)

Discussion of Vulnerability

Known Contaminant Plumes were removed under direction of professional consultants in 2000 and thereafter monitored by the consultants and reports went to all applicable agencies. The "no further action required" letter was issued on 6/13/ 2002 which specifically states "Based on the information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required. This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code" There are no other known contaminant plumes still remaining.

Acquiring Information

A copy of the complete assessment may be viewed at:
Department of Health Services - Drinking Water Field Operations Branch
2151 Berkeley Way
Room 458
Berkeley, CA 94704

You may request a summary of the assessment be sent to you by contacting:
Pamela R. Evans
Sanitary Engineer Technician
(510) 620-3457
(510) 620-3455 (Fax)
pevans@dhs.ca.gov

Snug Harbor Resort

Analytical Results By FGL - 2014

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			176	163 - 188
Well 02	STK1350990-2	ppm				2013-11-11	188		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	163		
Hardness		ppm		none	none			186.0	43.0 - 329
Well 02	STK1350990-2	ppm				2013-11-11	329		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	43.0		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ppb		10	0.004			14	10 - 19
Well 02	STK1451427-2	ppb				2014-11-10	10		
Well 02	STK1438030-2	ppb				2014-08-11	11		
Well 02	STK1434331-2	ppb				2014-05-12	10		
Well 02	STK1431330-2	ppb				2014-02-12	11		
WELL DW-1R	STK1451427-1	ppb				2014-11-10	17		
WELL DW-1R	STK1438030-1	ppb				2014-08-11	18		
WELL DW-1R	STK1434331-1	ppb				2014-05-12	17		
WELL DW-1R	STK1431330-1	ppb				2014-02-12	19		
Barium		ppm	2	1	2			0.22	ND - 0.43
Well 02	STK1350990-2	ppm				2013-11-11	0.43		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	ND		
Fluoride		ppm		2	1			ND	ND - 0.1
Well 02	STK1350990-2	ppm				2013-11-11	ND		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	0.1		
Gross Alpha		pCi/L		15	(0)			ND	ND - 2.20
Well 02	STK1133846-2	pCi/L				2011-05-09	2.20		
Well 02	STK1131309-2	pCi/L				2011-02-14	1.46		
WELL DW-1R	STK1133846-1	pCi/L				2011-05-09	ND		
WELL DW-1R	STK1131309-1	pCi/L				2011-02-14	ND		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500	n/a			136	77 - 195
Well 02	STK1350990-2	ppm				2013-11-11	195		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	77		
Color		Units		15	n/a			5	ND - 10
Well 02	STK1350990-2	Units				2013-11-11	10		
WELL DW-1R	STK1350990-1	Units				2013-11-11	ND		
Iron		ppb		300	n/a			200	ND - 400
Well 02	STK1350990-2	ppb				2013-11-11	400		
WELL DW-1R	STK1350990-1	ppb				2013-11-11	ND		
Manganese		ppb		50	n/a			230	60 - 400
Well 02	STK1350990-2	ppb				2013-11-11	400		
WELL DW-1R	STK1350990-1	ppb				2013-11-11	60		
Odor Threshold at 60 °C		TON		3	n/a			2	1 - 2
Well 02	STK1350990-2	TON				2013-11-11	1		
WELL DW-1R	STK1350990-1	TON				2013-11-11	2		
Specific Conductance		umhos/cm		1600	n/a			1056	731 - 1380
Well 02	STK1350990-2	umhos/cm				2013-11-11	1380		
WELL DW-1R	STK1350990-1	umhos/cm				2013-11-11	731		
Sulfate		ppm		500	n/a			15	3 - 27

Well 02	STK1350990-2	ppm				2013-11-11	3		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	27		
Total Dissolved Solids		ppm		1000	n/a			615	460 - 770
Well 02	STK1350990-2	ppm				2013-11-11	770		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	460		
Turbidity		NTU		5	n/a			0.6	ND - 1.2
Well 02	STK1350990-2	NTU				2013-11-11	1.2		
WELL DW-1R	STK1350990-1	NTU				2013-11-11	ND		

UNREGULATED CONTAMINANTS									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Boron		ppm		NS	n/a			0.9	0.7 - 1.1
Well 02	STK1350990-2	ppm				2013-11-11	0.7		
WELL DW-1R	STK1350990-1	ppm				2013-11-11	1.1		

DETECTION OF FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Total Trihalomethanes (TTHMs)		ppb		80	n/a			12.5	12.5 - 12.5
Hosebib @ Snuggle Inn #01	STK1135755-1	ppb				2011-07-11	12.5		
Haloacetic Acids (five)		ppb		60	n/a			3	3 - 3
Hosebib @ Snuggle Inn #01	STK1135755-1	ppb				2011-07-11	3		

Snug Harbor Resort
CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Snuggle Inn #2	STK1436238-1	2014-06-17	Metals, Total	CuPb- Snuggle Inn #02	Lead & Copper Monitoring
Snuggle Inn #8	STK1436238-5	2014-06-17	Metals, Total	CuPb- Snuggle Inn #08	Lead & Copper Monitoring
Snuggle Inn #12	STK1436238-2	2014-06-17	Metals, Total	CuPb- Snuggle Inn #12	Lead & Copper Monitoring
Snuggle Inn #15	STK1436238-3	2014-06-17	Metals, Total	CuPb- Snuggle Inn #15	Lead & Copper Monitoring
Snuggle Inn #20	STK1436238-4	2014-06-17	Metals, Total	CuPb- Snuggle Inn #20	Lead & Copper Monitoring
HB@SMBOATPARKIN	STK1430320-1	2014-01-13	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
	STK1432100-1	2014-03-10	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
	STK1434332-1	2014-05-12	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
	STK1436992-1	2014-07-14	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
	STK1439122-1	2014-09-08	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
	STK1451428-1	2014-11-10	Coliform	HB@ Sm. Boat Trailer Parking	Water Monitoring-Odd
HB@SnugInn #1	STK1135755-1	2011-07-11	EPA 551.1	Hosebib @ Snuggle Inn #01	DBPR Monitoring
	STK1135755-1	2011-07-11	EPA 552.2	Hosebib @ Snuggle Inn #01	DBPR Monitoring
HB@SnugInn #3	STK1433761-3	2014-04-24	Coliform	Hosebib @ Snuggle Inn #03	Bacteriological Sampling
HB@SnugInn #9	STK1433761-2	2014-04-24	Coliform	Hosebib @ Snuggle Inn #09	Bacteriological Sampling
HB@Sp 20/21	STK1431383-1	2014-02-12	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
	STK1433447-1	2014-04-14	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
	STK1433761-1	2014-04-24	Coliform	Hosebib @ Space #20/21	Bacteriological Sampling-Even
	STK1435533-1	2014-06-09	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
	STK1438031-1	2014-08-11	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
	STK1450479-1	2014-10-13	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
	STK1452406-1	2014-12-08	Coliform	Hosebib @ Space #20/21	Water Monitoring-Even
Well 02	STK1131309-2	2011-02-14	Radio Chemistry	Well 02	Radio Monitoring
	STK1133846-2	2011-05-09	Radio Chemistry	Well 02	Radio Monitoring
	STK1350990-2	2013-11-11	General Mineral	Well 02	Water Quality Monitoring
	STK1350990-2	2013-11-11	Wet Chemistry	Well 02	Water Quality Monitoring
	STK1350990-2	2013-11-11	Metals, Total	Well 02	Water Quality Monitoring
	STK1430319-2	2014-01-13	Coliform	Well 02	Water Quality Monitoring
	STK1431330-2	2014-02-12	Metals, Total	Well 02	Water Quality Monitoring
	STK1431329-2	2014-02-12	Coliform	Well 02	Water Quality Monitoring
	STK1432099-2	2014-03-10	Coliform	Well 02	Water Quality Monitoring
	STK1433446-2	2014-04-14	Coliform	Well 02	Water Quality Monitoring
	STK1433761-5	2014-04-24	Coliform	Well 02	SNUG HARBOR RESORT
	STK1434330-2	2014-05-12	Coliform	Well 02	Water Quality Monitoring
	STK1434331-2	2014-05-12	Metals, Total	Well 02	Water Quality Monitoring
	STK1435532-2	2014-06-09	Coliform	Well 02	Water Quality Monitoring
	STK1436963-2	2014-07-14	Coliform	Well 02	Water Quality Monitoring
	STK1438029-2	2014-08-11	Coliform	Well 02	Water Quality Monitoring
	STK1438030-2	2014-08-11	Metals, Total	Well 02	Water Quality Monitoring
	STK1439121-2	2014-09-08	Coliform	Well 02	Water Quality Monitoring
	STK1450478-2	2014-10-13	Coliform	Well 02	Water Quality Monitoring
	STK1451426-2	2014-11-10	Coliform	Well 02	Water Quality Monitoring
	STK1451427-2	2014-11-10	Metals, Total	Well 02	Water Quality Monitoring
	STK1452405-2	2014-12-08	Coliform	Well 02	Water Quality Monitoring
Well DW-1R	STK1131309-1	2011-02-14	Radio Chemistry	WELL DW-1R	Radio Monitoring
	STK1133846-1	2011-05-09	Radio Chemistry	WELL DW-1R	Radio Monitoring
	STK1350990-1	2013-11-11	General Mineral	WELL DW-1R	Water Quality Monitoring
	STK1350990-1	2013-11-11	Wet Chemistry	WELL DW-1R	Water Quality Monitoring
	STK1350990-1	2013-11-11	Metals, Total	WELL DW-1R	Water Quality Monitoring
	STK1430319-1	2014-01-13	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1431330-1	2014-02-12	Metals, Total	WELL DW-1R	Water Quality Monitoring
	STK1431329-1	2014-02-12	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1432099-1	2014-03-10	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1433446-1	2014-04-14	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1433761-4	2014-04-24	Coliform	WELL DW-1R	SNUG HARBOR RESORT

	STK1434331-1	2014-05-12	Metals, Total	WELL DW-1R	Water Quality Monitoring
	STK1434330-1	2014-05-12	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1435532-1	2014-06-09	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1436963-1	2014-07-14	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1438029-1	2014-08-11	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1438030-1	2014-08-11	Metals, Total	WELL DW-1R	Water Quality Monitoring
	STK1439121-1	2014-09-08	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1450478-1	2014-10-13	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1451426-1	2014-11-10	Coliform	WELL DW-1R	Water Quality Monitoring
	STK1451427-1	2014-11-10	Metals, Total	WELL DW-1R	Water Quality Monitoring
	STK1452405-1	2014-12-08	Coliform	WELL DW-1R	Water Quality Monitoring